

AMENDMENTS TO THE CLAIMS

The listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS

1. (Currently Amended) A radiopaque marker for a medical device, comprising:

a marker body, the marker body having a length, a thickness and a cross-sectional size selected for attachment to the medical device for providing radiopacity without substantially affecting the flexibility of the medical device;

a polymer forming the marker body;

radiopaque particles disposed within the polymer having an average diameter of at least about 2 microns and a maximum diameter of about 20 microns; and

a wetting agent for facilitating encapsulation of the particles by the polymer, wherein the radiopaque particles include greater than about 91 weight percent of the marker body.
2. (Currently Amended) The radiopaque marker of claim 1, wherein the radiopaque particles comprise about 91-95 weight percent of the marker body.
3. (Previously Presented) The radiopaque marker of claim 1, wherein the polymer is selected from a group consisting of polyamide copolymers, polyetherurethanes, polyester copolymers, olefin derived copolymers, natural rubbers, synthetic rubbers, thermoplastic elastomers, specialty polymers, polyurethanes, and nylon.

4. (Original) The radiopaque marker of claim 1, wherein the radiopaque particles are selected from a group consisting of platinum, gold, iridium, palladium, rhenium, rhodium, tungsten, tantalum, silver and tin.

5. (Currently Amended) The radiopaque marker of claim 2, wherein the marker body includes a tubular form.

Claims 6-23 (canceled)

24. (Previously Presented) The radiopaque marker of claim 1, wherein the particles are of equiaxed shape.

25. (Previously Presented) The radiopaque marker of claim 1, wherein the wetting agent includes a surfactant.

26. (Previously Presented) The radiopaque marker of claim 1, wherein the wetting agent includes a coupling agent.

27. (Previously Presented) The radiopaque marker of claim 1, further comprising an antioxidant.

28. (Currently Amended) The radiopaque marker of claim 1, wherein the radiopaque marker body forms an extrusion coating.

29. (Currently Amended) The radiopaque marker of claim 1, ~~further comprising~~ wherein the marker body is in the form of a coating.

30. (Currently Amended) The radiopaque marker of claim 1, wherein the marker body is attached to a medical device.

31. (Previously Presented) The radiopaque marker of claim 30, wherein the medical device is a stent, a guide wire, a balloon or an embolic filter.

32. (Currently Amended) A radiopaque marker for a medical device, comprising:
a marker body, the marker body having a length, a thickness and a cross-sectional size selected for attachment to the medical device for providing radiopacity without substantially affecting the flexibility of the medical device;

a polymer forming the marker body;

radiopaque particles disposed within the polymer; and

an agent facilitating adhesion between the polymer and radiopaque particles.

33. (Previously Presented) The radiopaque marker of claim 32, wherein the particles have an average diameter of at least 2 microns and a maximum diameter of 20 microns.

34. (Previously Presented) The radiopaque marker of claim 32, wherein the radiopaque particles include greater than about 91 weight percent of the marker.

35. (Previously Presented) The radiopaque marker of claim 32, wherein the particles are of equiaxed shape.

36. (Previously Presented) The radiopaque marker of claim 32, wherein the agent includes a surfactant.

37. (Previously Presented) The radiopaque marker of claim 32, wherein the agent includes a coupling agent.

38. (Previously Presented) The radiopaque marker of claim 32, further comprising an antioxidant.

39. (Currently Amended) The radiopaque marker of claim 32, wherein the radiopaque marker body forms an extrusion coating.

40. (Currently Amended) The radiopaque marker of claim 32, wherein the radiopaque marker body forms an exterior coating.